Converting Colors

RGB(196, 147, 248)

Have a look what the booklet for RGB(196, 147, 248) contains.

Color

RGB(196, 147, 248)

Conversions

Conversions Part 1

Format	Color
Hex	C493F8
RGB	196, 147, 248
RGB Percent	77%, 58%, 97%
CMY	0.2314, 0.4235, 0.0275
CMYK	0.21, 0.41, 0.00, 0.03
HSL	269°, 88%, 77%
HSV	269°, 41%, 97%
XYZ	50.1419, 39.3805, 93.7654
YIQ	173.1650, -3.2170, 41.7990

Conversions

Conversions Part 2

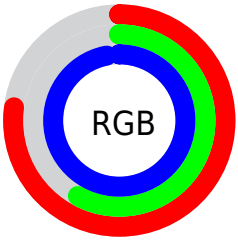
Format	Color
RYB	196, 147, 248
Decimal	12882936
CIELab	69.03, 37.52, -43.68
CIELCh	69, 57.582, 310.658
Yxy	39.3805, 0.2736, 0.2149
Android (android.graphics.Color)	4291073016 (0xFFC493F8)
YUV	173.1650, 36.8937, 20.0263
Hunter-Lab	62.7539, 32.8067, -44.6620

Details

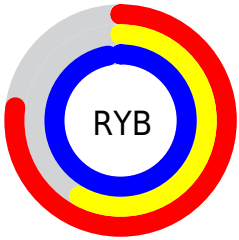
The RGB color 196, 147, 248 is a light color, and the websafe version is hex CC99FF. A complement of this color would be 199, 248, 147, and the grayscale version is 173, 173, 173.

A 20% lighter version of the original color is 254, 202, 255, and 140, 95, 191 is the 20% darker color. If you saturate the color by 10%, you get 183, 122, 248, and if you desaturate by 10%, it is 209, 172, 248.

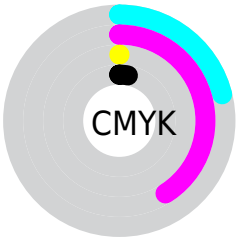
Distribution



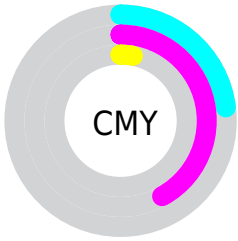
- Red (77%)
- Green (58%)
- Blue (97%)



- Red (77%)
- Yellow (58%)
- Blue (97%)



- Cyan (21%)
- Magenta (41%)
- Yellow (0%)
- Black (3%)



- Cyan (23%)
- Magenta (42%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 147, 248 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 196, 147, 248 by changing the saturation by 10% instead.

196, 147, 248

255, 255, 255

254, 202, 255

255, 230, 255

196, 147, 248

168, 121, 219

140, 95, 191

113, 71, 164

87, 47, 137

61, 23, 111

34, 0, 86

11, 0, 62

0, 3, 39

0, 1, 17

196, 147, 248

183, 122, 248

170, 97, 248

158, 73, 248

145, 48, 248

132, 23, 248

120, 0, 248

196, 147, 248

209, 172, 248

222, 197, 248

234, 221, 248

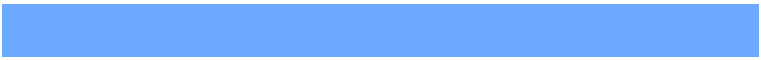
247, 246, 248

255, 255, 248

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



107, 168, 255

196, 147, 248

246, 128, 204

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

196, 147, 248

225, 154, 67

0, 194, 186

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

196, 147, 248

199, 248, 147

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

11, 192, 132

196, 147, 248

180, 172, 59

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

196, 147, 248

255, 134, 103

123, 185, 85

0, 192, 235

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

196, 147, 248

255, 122, 169

123, 185, 85

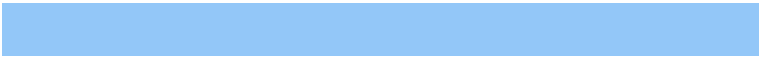
0, 194, 168

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

196, 147, 248

239, 224, 255



147, 199, 248

118, 110, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

196, 147, 248

191, 130, 255

246, 147, 248

119, 112, 125

92, 0, 189

30, 0, 61

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

248, 147, 199

255, 130, 194

149, 248, 147

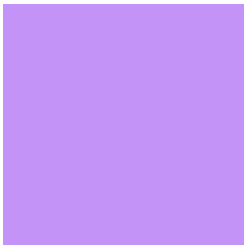
125, 112, 119

189, 0, 97

61, 0, 32

Previews

White Background

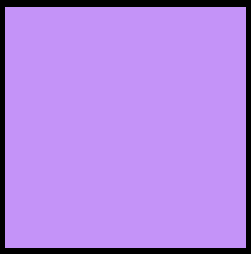


This preview shows how the RGB color 196, 147, 248 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



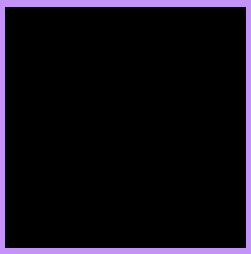
This preview shows how the RGB color 196, 147, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 196, 147, 248 Background



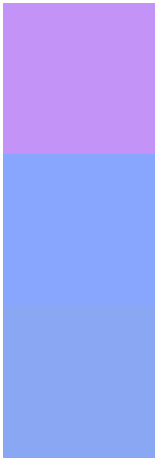
This preview shows how black text looks on a background with the RGB color 196, 147, 248.

This preview shows how white text looks on a background with the RGB color 196, 147, 248.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy



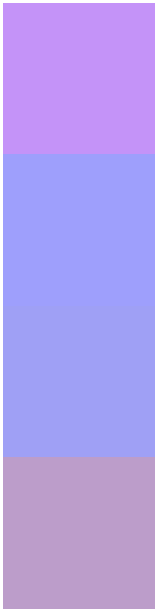
Original Color
196, 147, 248

Protanopia
137, 166, 255

Deuteranopia
138, 167, 244

Tritanopia
184, 163, 175

Trichromacy



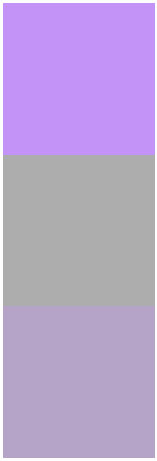
Original Color
196, 147, 248

Protanomaly
158, 159, 252

Deuteranomaly
159, 160, 245

Tritanomaly
188, 157, 202

Monochromacy



Original Color
196, 147, 248

Achromatopsia
173, 173, 173

Achromatomaly
181, 164, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 147, 248 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(196, 147, 248) looks like.

```
.text, #text, p{
    color:rgb(196, 147, 248)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(196, 147, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 147, 248) }
```

Border

The CSS property to change the border of an element to RGB 196, 147, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 147, 248) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(196, 147, 248) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(196, 147, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 147, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 147, 248); box-shadow:4px 4px 4px 4px rgb(196, 147, 248) }
```

Background

The CSS property to change the background color of an element to RGB 196, 147, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(196, 147, 248) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(196,
147, 248) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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